

SEQUENCE LISTING

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<110> Willson, Tracy
   Nicola Nicos A.
   Hilton, Douglas J.
   Metcalf Donald
   Zhang, Jian G.
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- <140> 09/051,843
- <141> 1998-06-29
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July 1

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	ttt Phe															300
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gtg Val	aaa Lys	aag Lys 115	tgc Cys	atc Ile	tca Ser	ccc Pro	cct Pro 120	gaa Glu	ggt Gly	gat Asp	cct Pro	gag Glu 125	tcc Ser	gct Ala	gtg Val	444
act Thr	gag Glu 130	ctc Leu	aag Lys	tgc Cys	att Ile	tgg Trp 135	cat His	aac Asn	ctg Leu	agc Ser	tat Tyr 140	atg Met	aag Lys	tgt Cys	tcc Ser	492

						aca Thr										540
			_	_	_	gag Glu		_	_		_	_				588
						gct Ala										636
						cag Gln										684
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aac Asn	atg Met 290	gag Glu	ggt Gly	aca Thr	agt Ser	tgt Cys 295	ttc Phe	caa Gln	ctc Leu	cct Pro	ggt Gly 300	gtt Val	ctt Leu	gcc Ala	gac Asp	972
						gta Val										1020
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aag Lys	gag Glu	caa Gln	aac Asn 340	tcc Ser	acc Thr	ttc Phe	tac Tyr	acc Thr 345	acc Thr	atg Met	tta Leu	ctc Leu	acc Thr 350	att Ile	cca Pro	1116

	ttt Phe															1164
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	gaa Glu														aag Lys 400	1260
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Pro	Val	Thr 35	Asn	Leu	Ser	Val	Ser 40	Val	Glu	Asn	Leu	Cys 45	Thr	Ile	Ile	
Trp	Thr 50	Trp	Ser	Pro	Pro	Glu 55	Gly	Ala	Ser	Pro	Asn 60	Cys	Thr	Leu	Arg	

Tyr Phe Ser His Phe Asp Asp Gln Gln Asp Lys Lys Ile Ala Pro Glu Thr His Arg Lys Glu Glu Leu Pro Leu Asp Glu Lys Ile Cys Leu Gln Val Gly Ser Gln Cys Ser Ala Asn Glu Ser Glu Lys Pro Ser Pro Leu Val Lys Lys Cys Ile Ser Pro Pro Glu Gly Asp Pro Glu Ser Ala Val Thr Glu Leu Lys Cys Ile Trp His Asn Leu Ser Tyr Met Lys Cys Ser Trp Leu Pro Gly Arg Asn Thr Ser Pro Asp Thr His Tyr Thr Leu Tyr Tyr Trp Tyr Ser Ser Leu Glu Lys Ser Arg Gln Cys Glu Asn Ile Tyr Arg Glu Gly Gln His Ile Ala Cys Ser Phe Lys Leu Thr Lys Val Glu Pro Xaa Ser Phe Glu His Gln Asn Val Gln Ile Met Val Lys Asp Asn Ala Gly Lys Ile Arg Pro Ser Cys Lys Ile Val Ser Leu Thr Ser Tyr Val Lys Pro Asp Pro Pro His Ile Lys His Leu Leu Leu Lys Asn Gly Ala Leu Leu Val Gln Trp Lys Asn Pro Gln Asn Phe Arg Ser Arg Cys Leu Thr Tyr Glu Val Glu Val Asn Asn Thr Gln Thr Asp Arg His Asn Ile Leu Glu Val Glu Glu Asp Lys Cys Gln Asn Ser Glu Ser Asp Arg Asn Met Glu Gly Thr Ser Cys Phe Gln Leu Pro Gly Val Leu Ala Asp Ala Val Tyr Thr Val Arg Val Arg Val Lys Thr Asn Lys Leu Cys Phe Asp Asp Asn Lys Leu Trp Ser Asp Trp Ser Glu Ala Gln Ser Ile Gly

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Leu Lys Ile Ile Ile Phe Pro Pro Ile Pro Asp Pro Gly Lys Ile Phe
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                                          380
Lys Glu Met Phe Gly Asp Gln Asn Asp Asp Thr Leu His Trp Lys Lys
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Ala Gly Gly Gly Gly Gly Gly Ala Pro Thr Glu Thr Gln Pro
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                                                               204
cct gtg aca aat ttg agt gtc tct gtt gaa aac ctc tgc aca gta ata
Pro Val Thr Asn Leu Ser Val Ser Val Glu Asn Leu Cys Thr Val Ile
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Trp Thr Trp Asn Pro Pro Glu Gly Ala Ser Ser Asn Cys Ser Leu Trp
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                        55
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65
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Lys Glu Gln Asn Ser Thr Phe Tyr Thr Thr Met Leu Leu Thr Ile Pro

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		tgt Cys								396
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		tgc Cys								492
		agg Arg								540
	_	agc Ser 165	_	_			_	_		588
		tac Tyr								636
		gaa Glu								684
		aaa Lys								732
		cct Pro								780
		caa Gln 245								828
		gta Val								876
		caa Gln								924

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_		_	_		gca Ala			_		_						1164
	_				ttc Phe					_			_			1212
					gac Asp 390											1260
					aag Lys											1308
_		_		_	aag Lys		_		_	tgat	ggag	gat a	aattt	attt	t	1358
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Lys Lys Arg Asn Ser Thr Leu Tyr Ile Thr Met Leu Leu Ile Val Pro
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Val Ile Val Ala Gly Ala Ile Ile Val Leu Leu Tyr Leu Lys Arg
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                                                 365
Leu Lys Ile Ile Ile Phe Pro Pro Ile Pro Asp Pro Gly Lys Ile Phe
    370
Lys Glu Met Phe Gly Asp Gln Asn Asp Asp Thr Leu His Trp Lys Lys
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